

Fig 1

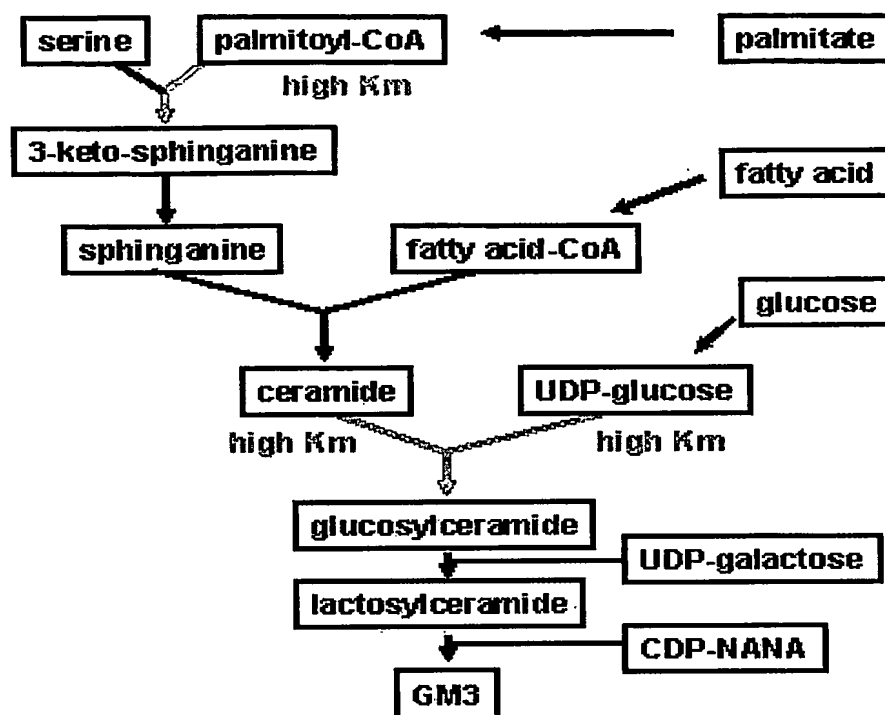


Fig 2

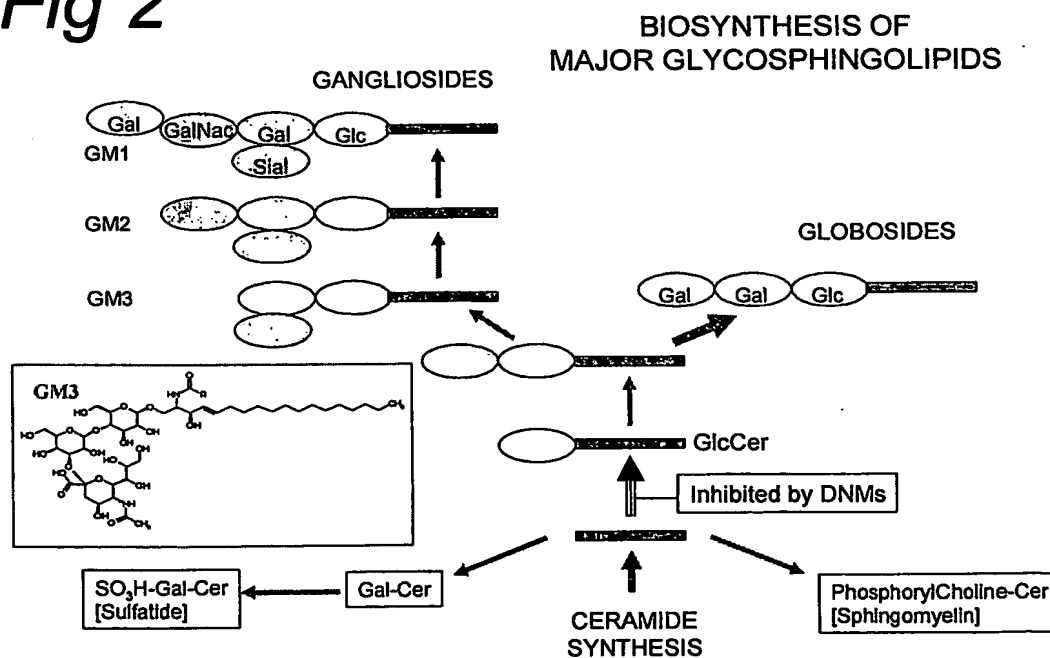


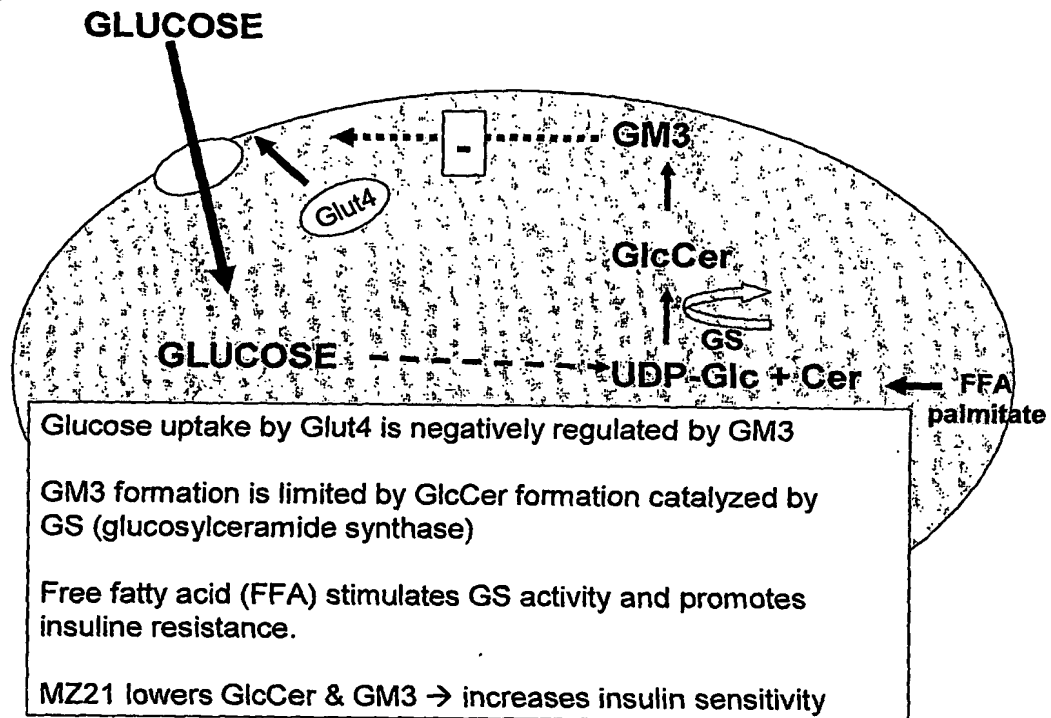
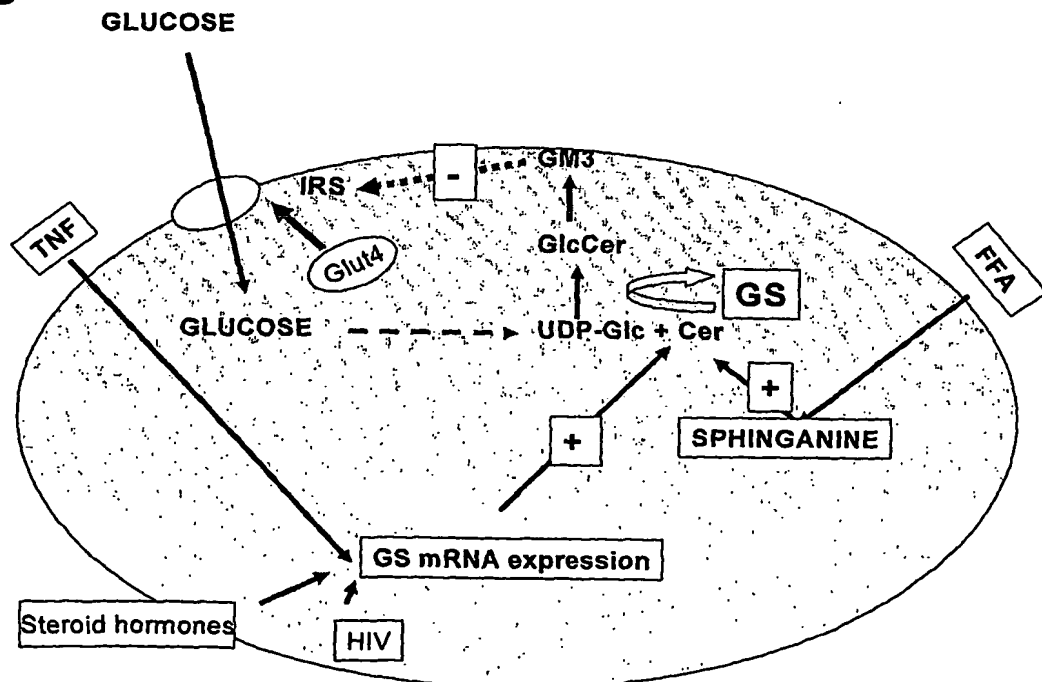
Fig 3**Fig 4**

Fig 5

BL/6J mice:
Changes in blood glucose,
water intake and food intake
following daily oral MZ21

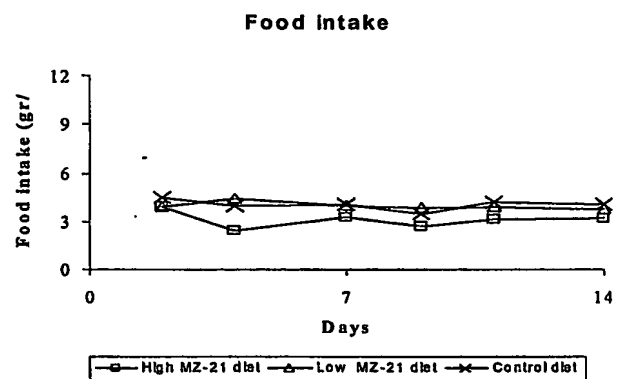
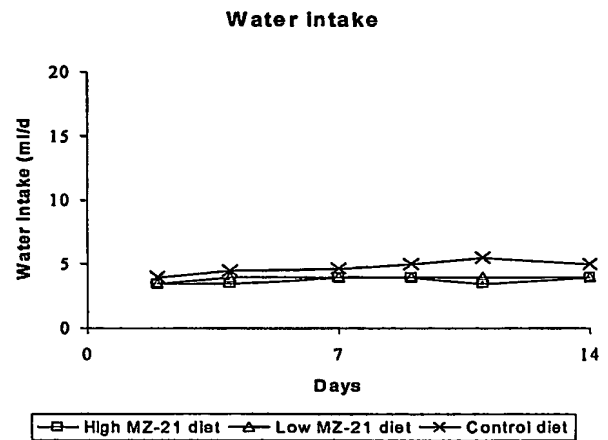
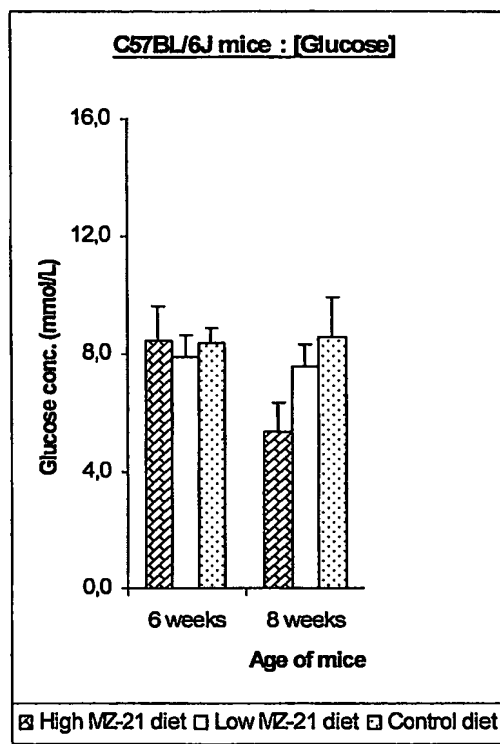


Fig 6

Ob mice:
Changes in blood glucose,
water intake and food intake
following daily oral MZ21

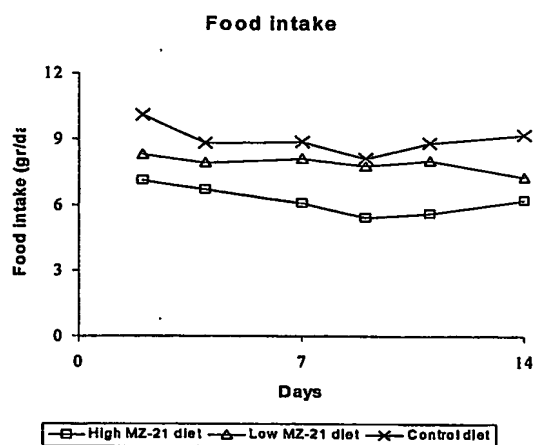
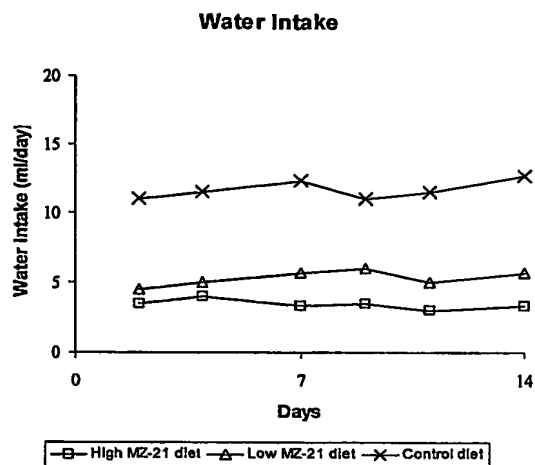
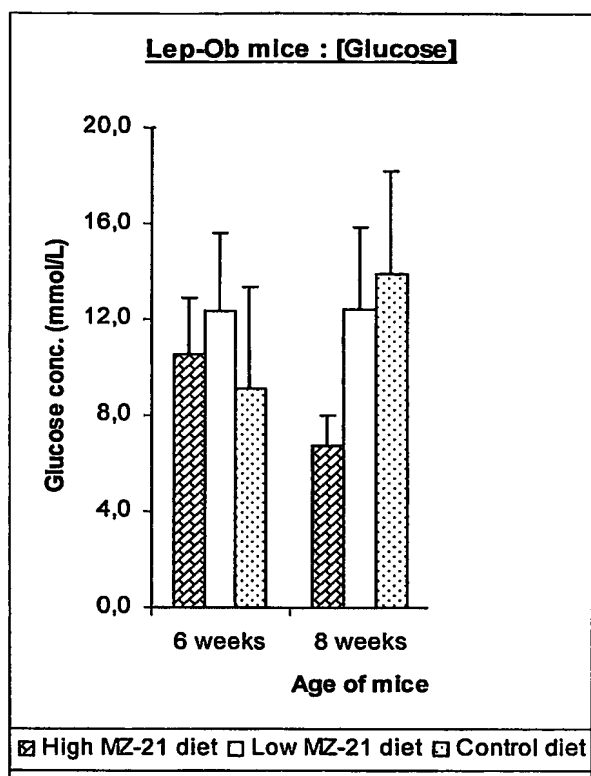


Fig 7

Db mice:
Changes in blood glucose,
water intake and food intake
following daily oral MZ21

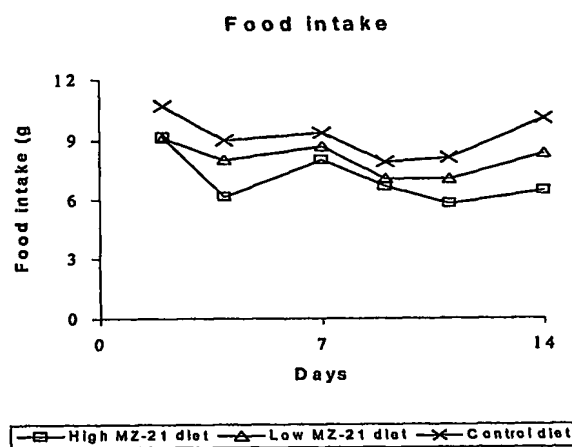
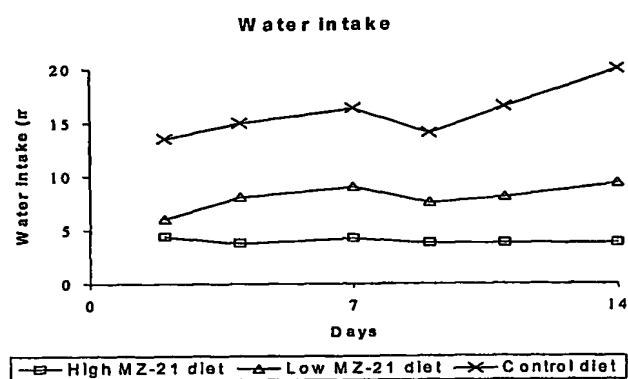
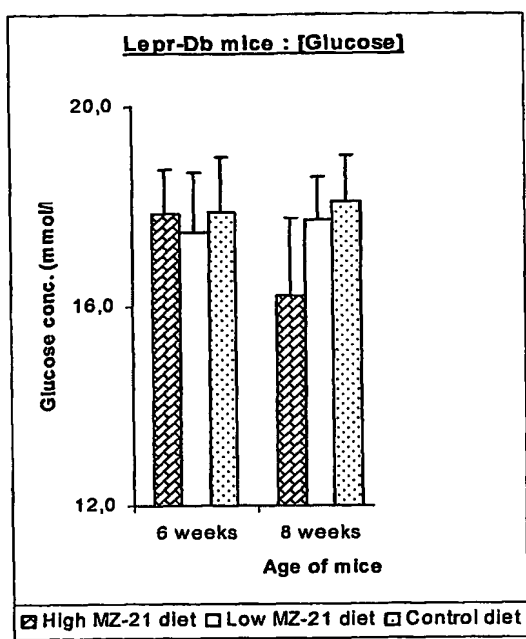
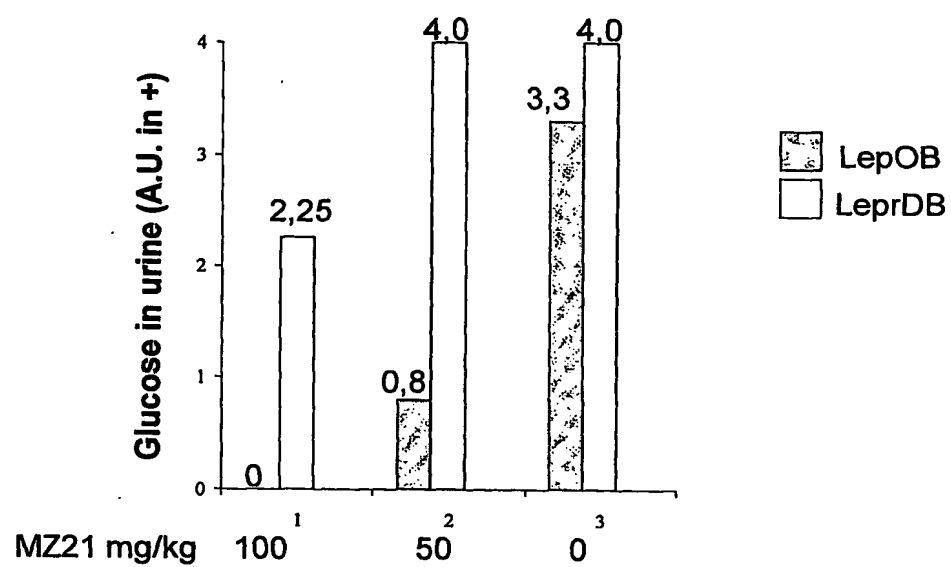
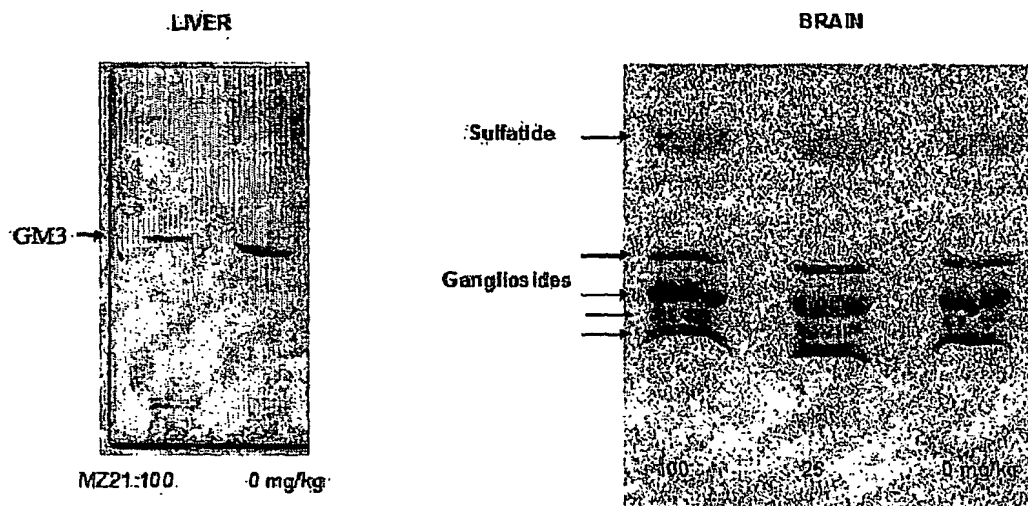
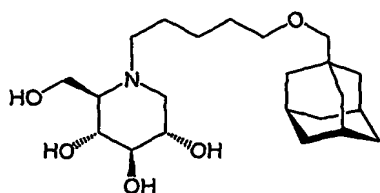
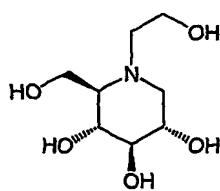
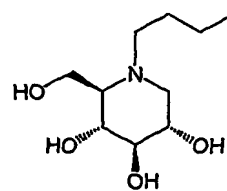


Fig 8

Effect MZ21 on urinary glucose



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Fig 9**MZ-21 reduces liver GM3****MZ-21 has no effect on brain gangliosides, arylsulfatide or galactosylceramide****Fig 10****N-(5-adamantane-1-yl-methoxy-pentyl)-deoxynojirimycin****N-hydroxyethyl-deoxynojirimycin****N-butyl-deoxynojirimycin**